

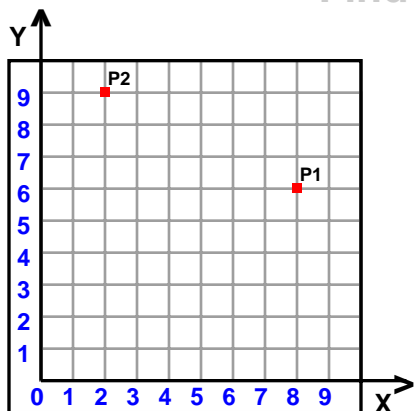
Name : _____

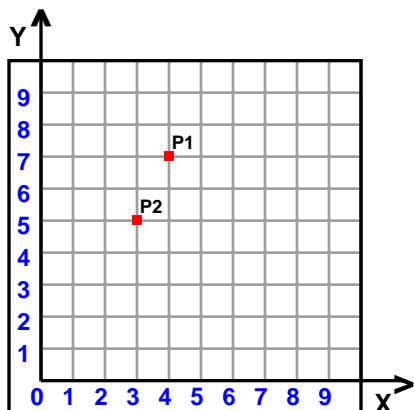
Score : _____

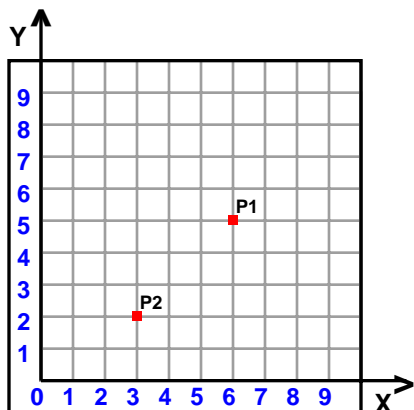
Teacher : _____

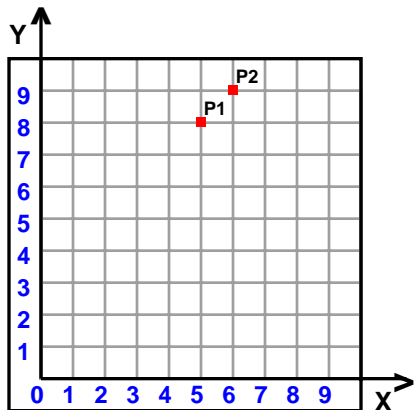
Date : _____

Find the distance between the points.









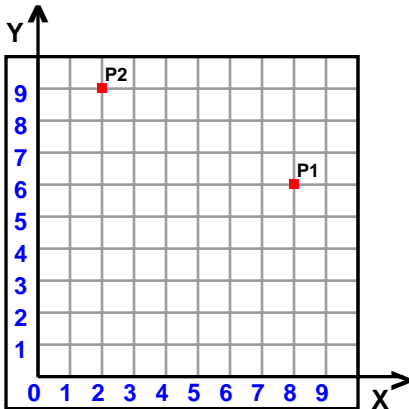
Name : _____

Score : _____

Teacher : _____

Date : _____

Find the distance between the points.



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

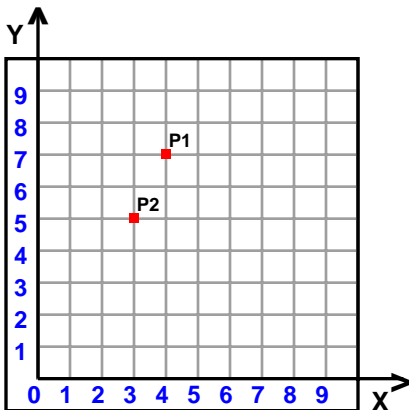
$$\sqrt{(2 - 8)^2 + (9 - 6)^2} = \text{distance}$$

$$\sqrt{-6^2 + 3^2} = \text{distance}$$

$$\sqrt{36 + 9} = \text{distance}$$

$$\sqrt{45} = \text{distance}$$

$$6.7082 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

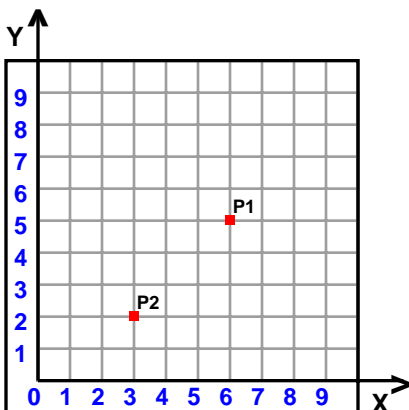
$$\sqrt{(3 - 4)^2 + (5 - 7)^2} = \text{distance}$$

$$\sqrt{-1^2 + -2^2} = \text{distance}$$

$$\sqrt{1 + 4} = \text{distance}$$

$$\sqrt{5} = \text{distance}$$

$$2.2361 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

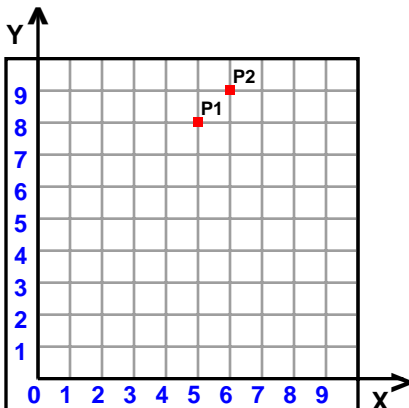
$$\sqrt{(3 - 6)^2 + (2 - 5)^2} = \text{distance}$$

$$\sqrt{-3^2 + -3^2} = \text{distance}$$

$$\sqrt{9 + 9} = \text{distance}$$

$$\sqrt{18} = \text{distance}$$

$$4.2426 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

$$\sqrt{(6 - 5)^2 + (9 - 8)^2} = \text{distance}$$

$$\sqrt{1^2 + 1^2} = \text{distance}$$

$$\sqrt{1 + 1} = \text{distance}$$

$$\sqrt{2} = \text{distance}$$

$$1.4142 \approx \text{distance}$$